

FIG. 1

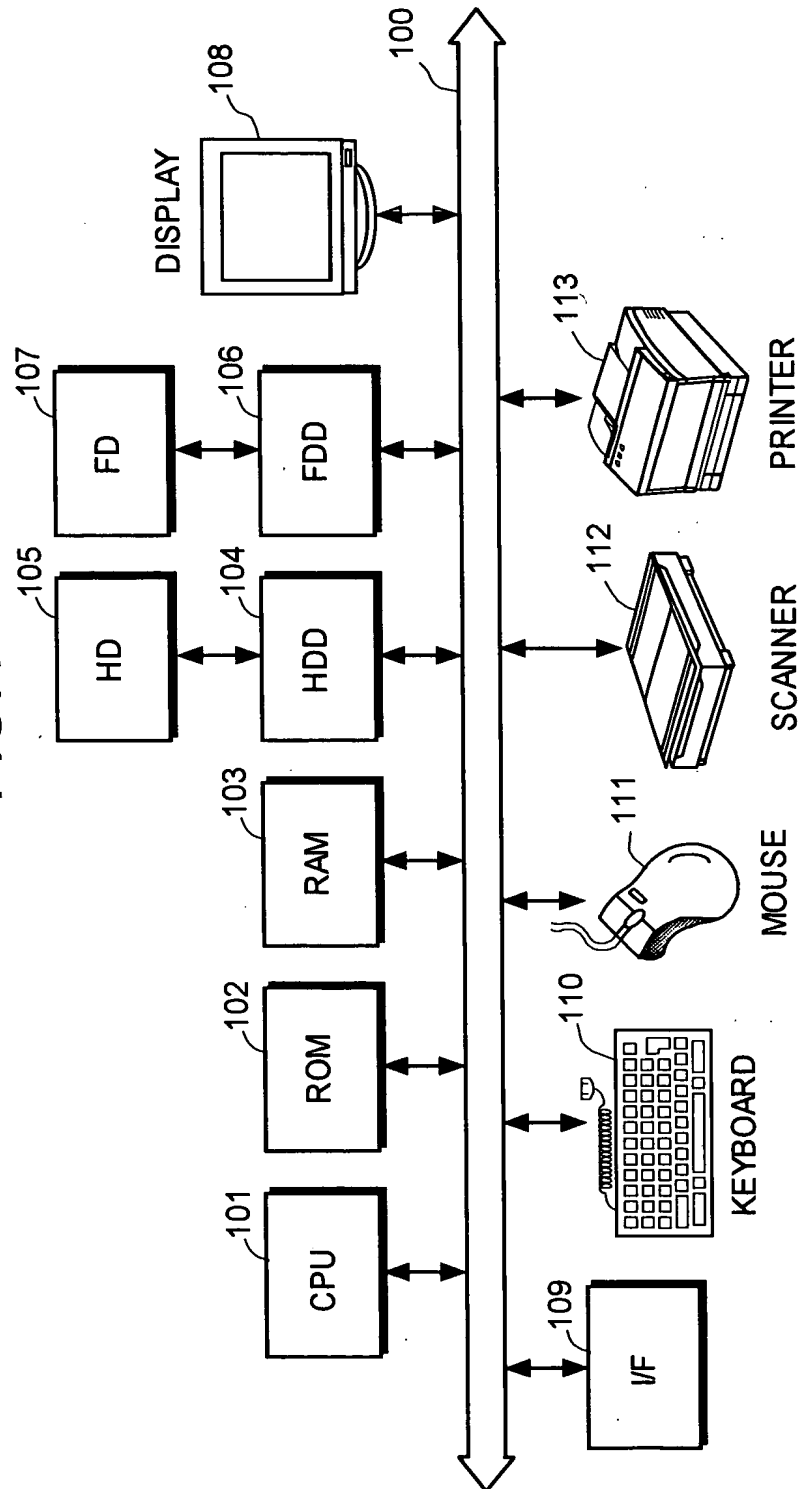


FIG. 2

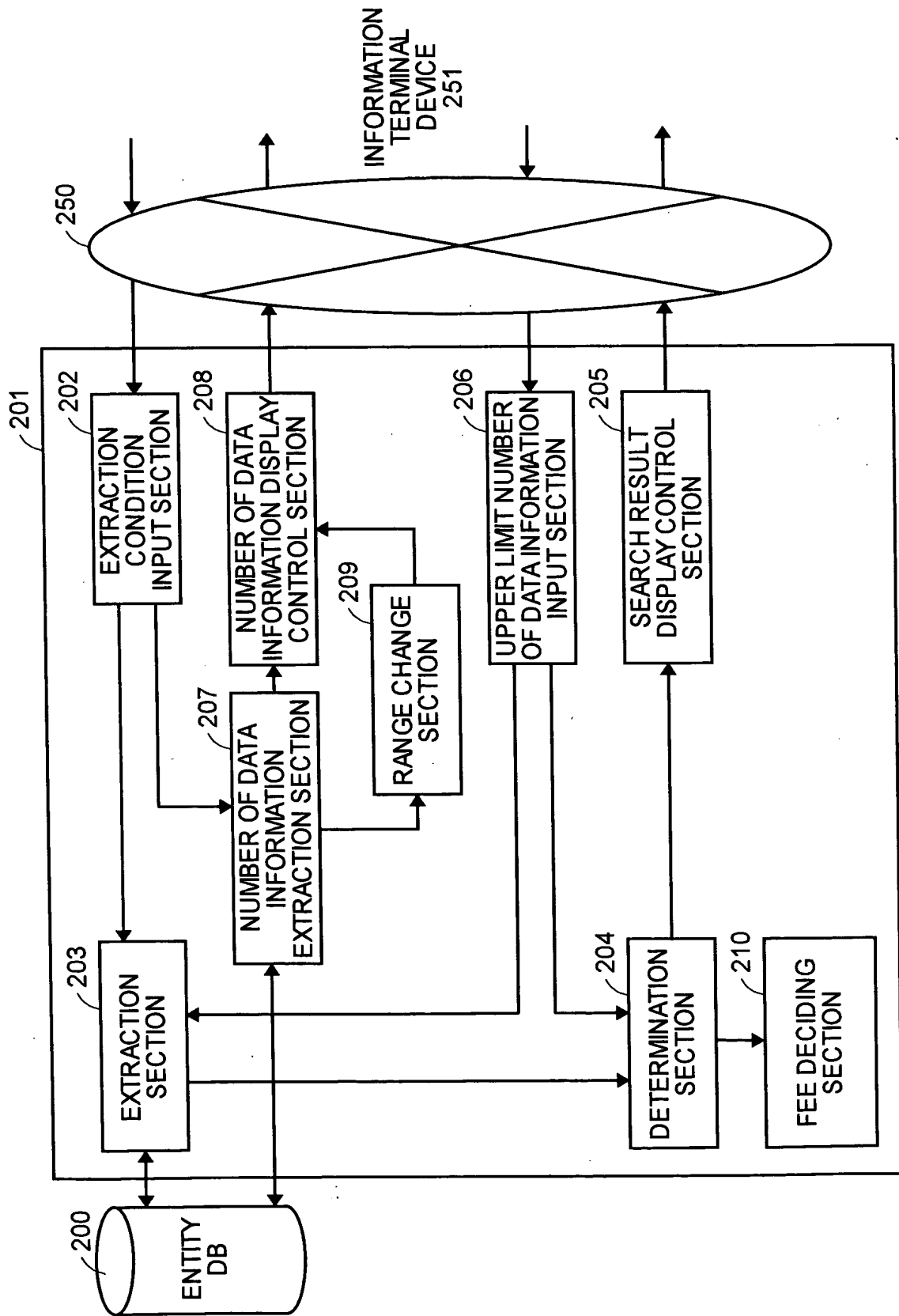
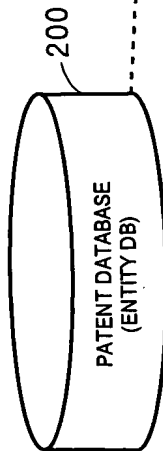


FIG. 3

[illegible]

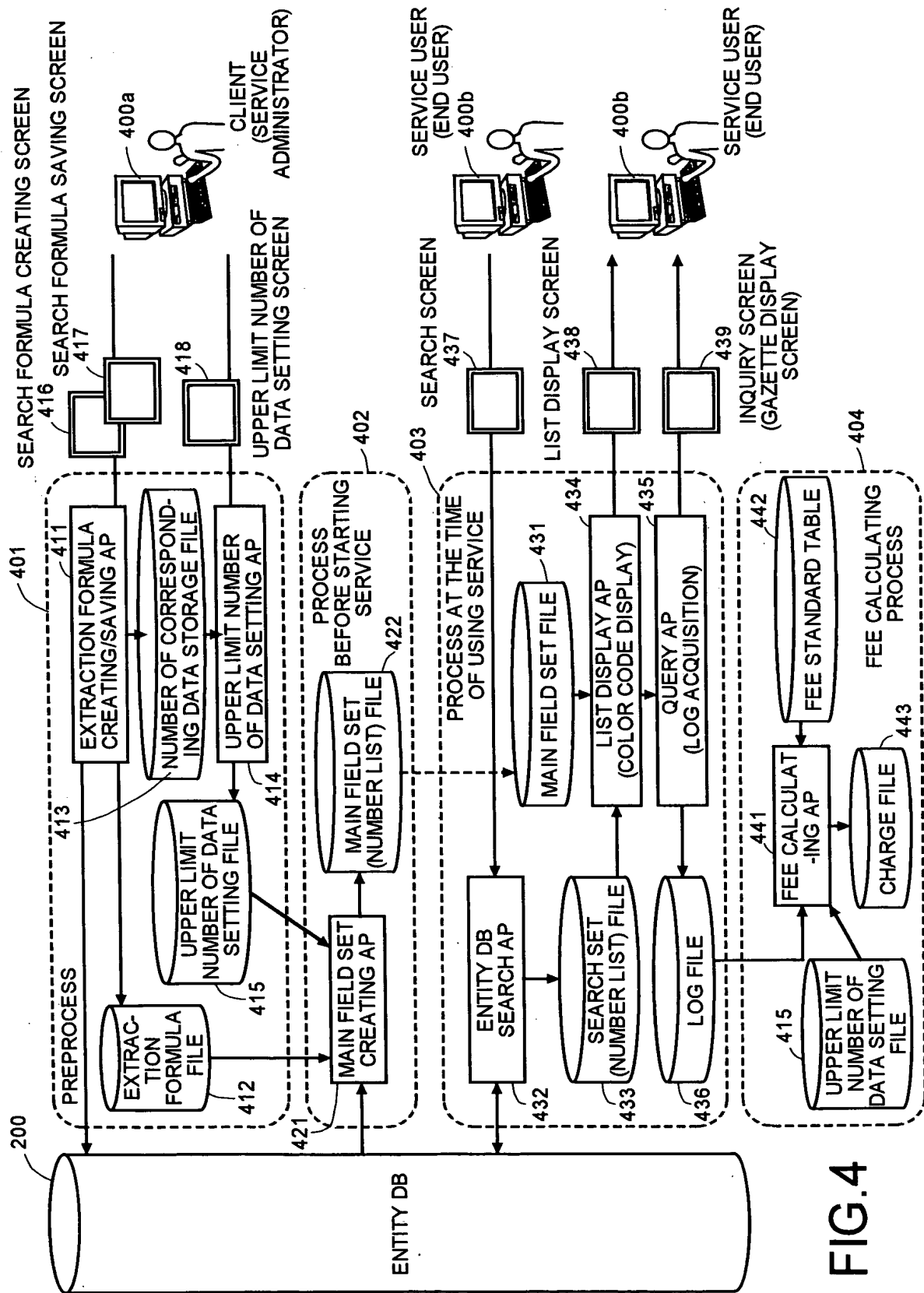


FIG. 4

FIG.5

416

416a

LIST OF ABSTRACTS		LIST OF BIBLIOGRAPHY	DISPLAY GAZETTE	SAVE FORMULA	USE FORMULA	STORED INFORMATION	CON-FIGURATION	HELP	TOP	LOG OFF
-------------------	--	----------------------	-----------------	--------------	-------------	--------------------	----------------	------	-----	---------

FREE SEARCH		MENU SEARCH		COMMENT SEARCH		CONCEPT SEARCH	
SEARCH OBJECT (LAID-OPEN/REGISTRATION)	▼	ALL GAZETTES (LAID-OPEN/REGISTRATION)	▼	CATEGORY OF PATENT AND UTILITY MODEL	PATENT/ UTILITY MODEL	▼	SYNONYM
SEARCH	CLEAR CONDI- TIONAL FORMULA	INPUT SEARCH CONDITIONS USING A BLANK SPACE AS DELIMITER, AND CLICK THE SEARCH BUTTON.					
FREE WORD	▼	AND					
APPLICANT (PARTIAL)	▼	OR					
IPC (PREFIX)	▼	OR					
LAID-OPEN/PUBLIC DISCLOSURE DATE	▼	DOMINICAL YEAR	▼	YEAR	MONTH	DAY ~	YEAR
		DAY	MONTH	YEAR	DAY	MONTH	YEAR

SET OPERATION	AND	OR	NOT	NON-DISPLAY SET	CANCEL NON-DISPLAY	SET LIMIT	CANCEL LIMIT	CLEAR HISTORY
---------------	-----	----	-----	-----------------	--------------------	-----------	--------------	---------------

No.	NUMBER OF DATA	SEARCH FORMULA
SEARCH OBJECT: ALL GAZETTES (LAID-OPEN/REGISTRATION), CATEGORY OF PATENT AND UTILITY MODEL: PATENT/UTILITY MODEL, FREE WORD RANGE: FULL TEXT		
<input type="checkbox"/> 001	203,626	IPC (PREFIX) = (B25J or G11B)
<input type="checkbox"/> 002	76,879	FREE WORD = ROBOT
<input type="checkbox"/> 003	88,226	APPLICANT (PARTIAL) = A CO., LTD.
<input type="checkbox"/> 004	14,131	S2 AND S1
<input checked="" type="checkbox"/> 005	433	S4 AND S3

FIG.6

417

SEARCH SCREEN

HELP

NAME OF SAVING FORMULA

MAIN FIELD EXTRACTION FORMULA

SAVE

417a

THE CONTENTS OF THE SEARCH FORMULA TO BE SAVED ARE DISPLAYED/BELOW.

No.	SEARCH FORMULA
SEARCH OBJECT: ALL GAZETTES (LAID-OPEN/REGISTRATION), CATEGORY OF PATENT AND UTILITY MODEL: PATENT/UTILITY MODEL, FREE WORD RANGE: FULL TEXT	
001	IPC (PREFIX)=(B25J or G11B)
002	FREE WORD = ROBOT
003	APPLICANT (PARTIAL) = AA CO., LTD.
004	S2 AND S1
005	S4 AND S3

FIG. 7

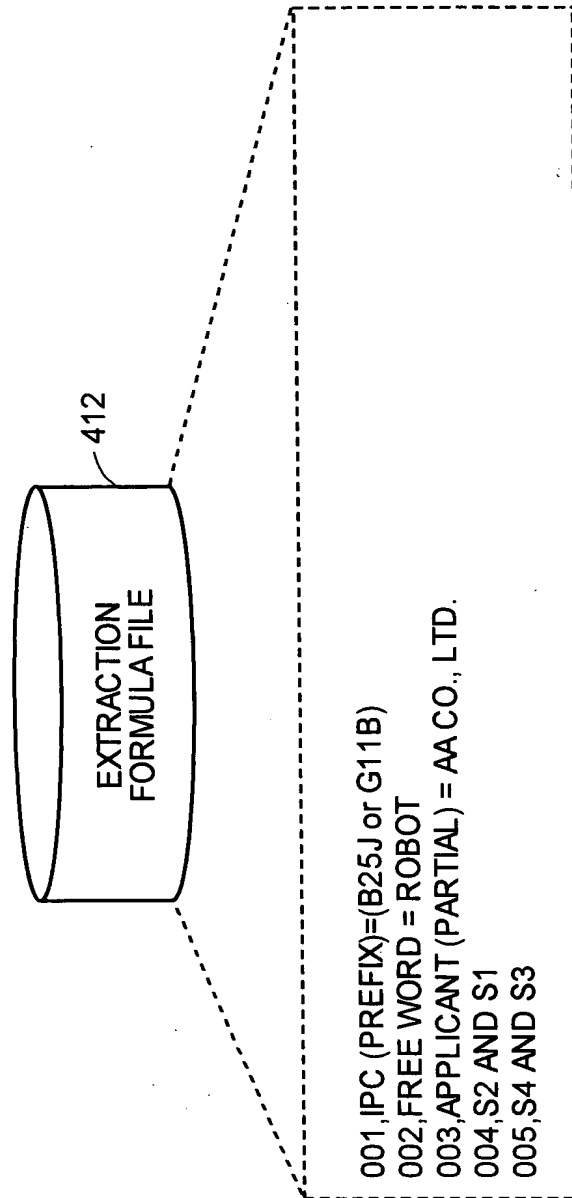


FIG.8

418

SELECT THE UPPER LIMIT NUMBER OF DATA IN THE MAIN FIELD SET FROM BELOW.
 THE MINIMUM CHARGE FOR ONE MONTH IS DETERMINED ACCORDING TO THE SELECTED NUMBER OF DATA.
 THE NUMBER OF DATA IN THE MAIN FIELD SET CURRENTLY HIT BY THE CREATED SEARCH FORMULA: 100000.
 ACCORDING TO HIT RESULTS, A MENU, THAT MATCHES YOUR REQUIREMENTS, IS DISPLAYED IN RED.

UPPER LIMIT VALUE	MINIMUM MONTHLY CHARGE	UNIT COST PER ONE DATUM ON PORTION EXCEEDING THE UPPER LIMIT	UNIT COST PER ONE DATUM OTHER THAN THE MAIN FIELD SET
<input type="radio"/> UP TO 10000	50000 YEN (5 YEN/DATA)	25 YEN/DATA	UNIFORMLY 200 YEN/DATA
<input type="radio"/> UP TO 50000	200000 YEN (4 YEN/DATA)	20 YEN/DATA	
<input type="radio"/> UP TO 100000	250000 YEN (2.5 YEN/DATA)	13 YEN/DATA	
<input checked="" type="radio"/> UP TO 500000	500000 YEN (1 YEN/DATA)	5 YEN/DATA	
<input type="radio"/> UP TO 1000000	800000 YEN (0.8 YEN/DATA)	4 YEN/DATA	
<input type="radio"/> UP TO 2000000	1400000 YEN (0.7 YEN/DATA)	4 YEN/DATA	
<input type="radio"/> UP TO 3000000	1800000 YEN (0.6 YEN/DATA)	3 YEN/DATA	
<input type="radio"/> UP TO 4000000	2000000 YEN (0.5 YEN/DATA)	3 YEN/DATA	
<input type="radio"/> UP TO 5000000	2250000 YEN (0.45 YEN/DATA)	3 YEN/DATA	

SET THE TYPE OF GAZETTES TO BE PREFERENTIALLY WITHIN THE UPPER LIMIT VALUE.

☐ OLDER ISSUE DATE OF A GAZETTE IS PRIORITIZED.
☐ LATER ISSUE DATE OF A GAZETTE ARE PRIORITIZED.
☐ PATENT GAZETTE IS PRIORITIZED.
☒ SPECIFIED APPLICANT SET ON THE RIGHT SECTION IS PRIORITIZED.
☐ SPECIFIED APPLICANT SET ON THE RIGHT SECTION IS PRIORITIZED.
☐ IPC CLASSIFICATION SET ON THE RIGHT SECTION IS PRIORITIZED.

AA CO., LTD. XX CO., LTD. YY CO., LTD.

FIG.9

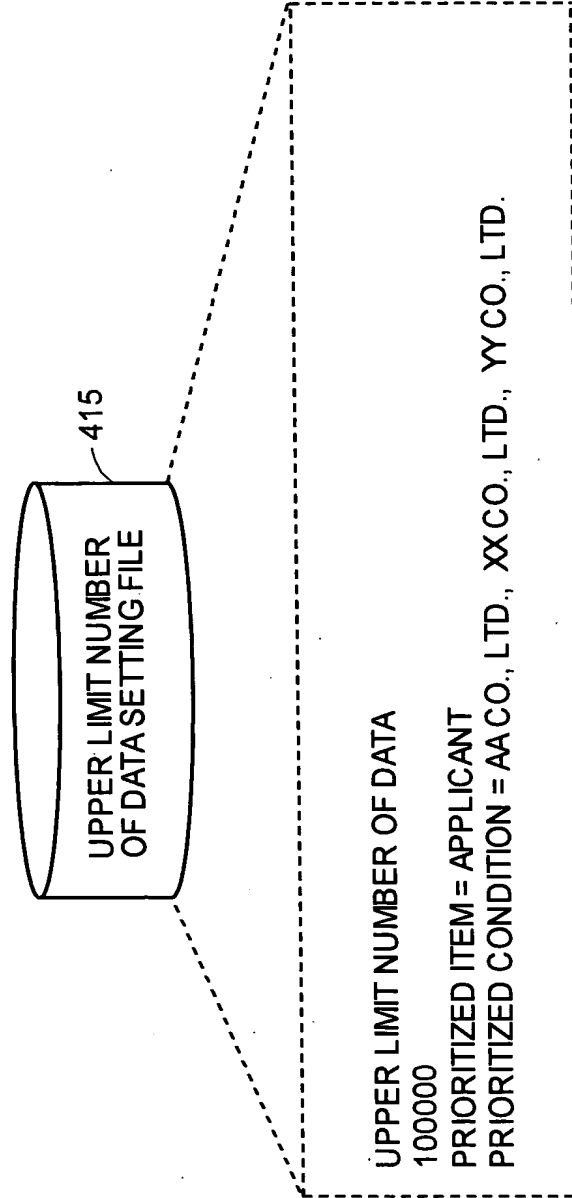


FIG. 10

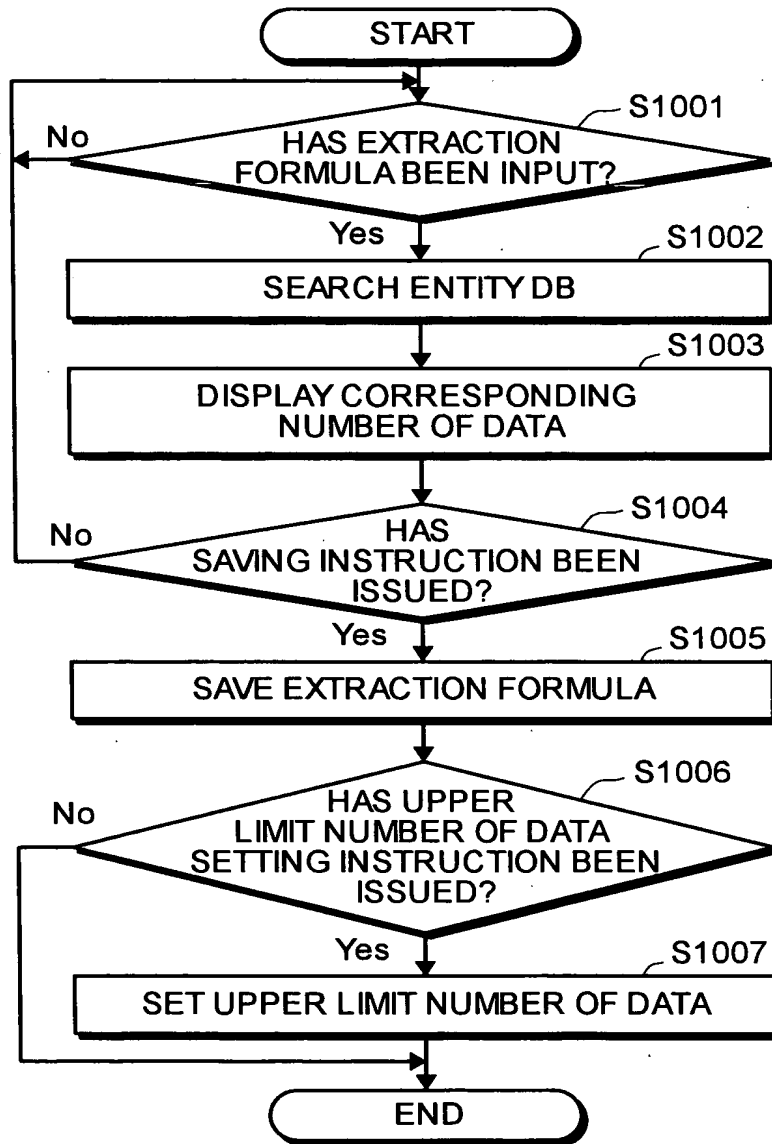
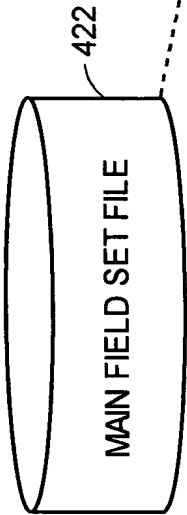
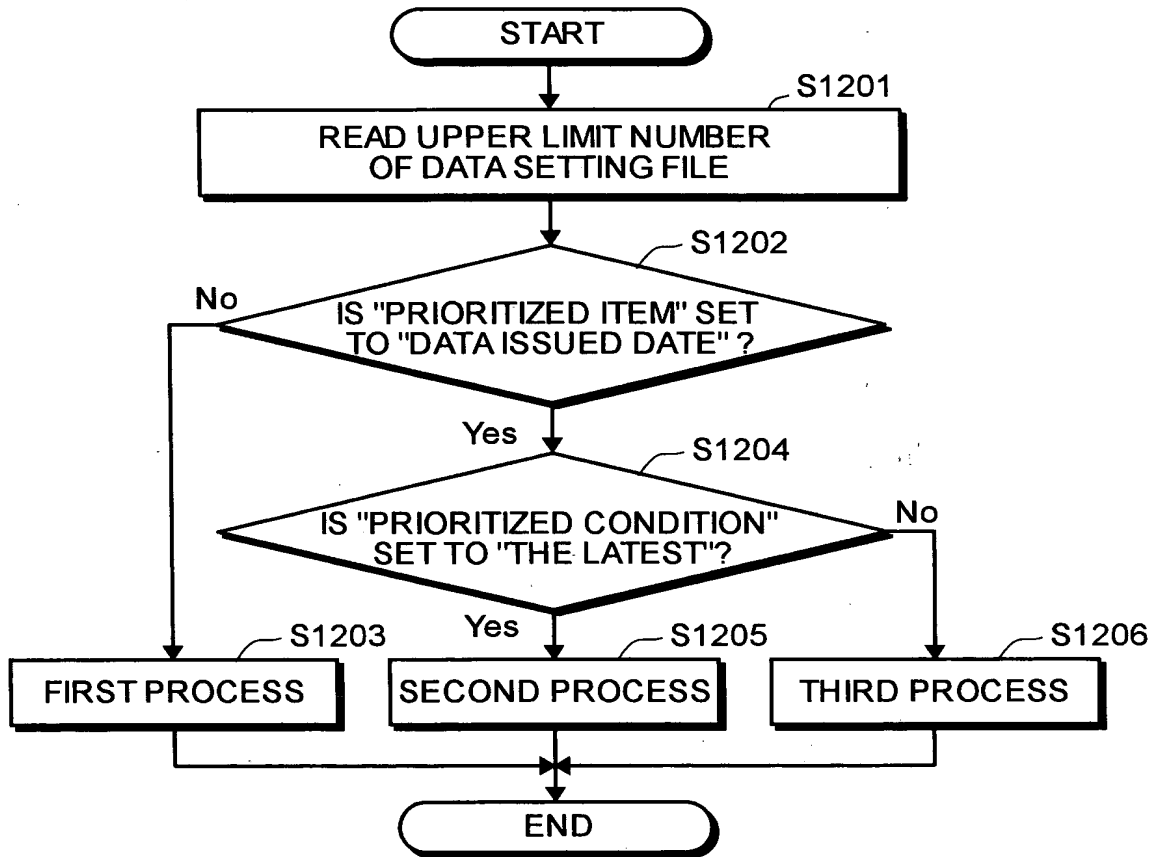


FIG.11



SEQ NUMBER	DATA REGIS- TRATION DATE	GAZETTE TYPE	APPLICANT	IPC	UPPER LIMIT FLAG
1	19930101	LAI-OPEN APPLI- CATION PUBLICATION	AA CO., LTD.	H01L01..	
5	19930221	REGISTERED APPLI- CATION PUBLICATION	AA CO., LTD.	H03L01..	
12	19931020	LAI-OPEN APPLI- CATION PUBLICATION	XX CO., LTD.	G06A2..	
.					
.					
.					
29930	20020101	LAI-OPEN APPLI- CATION PUBLICATION	XX CO., LTD.	B05D01..	1
30010	20020405	REGISTERED APPLI- CATION PUBLICATION	YY CO., LTD.	G04B02..	1

FIG.12



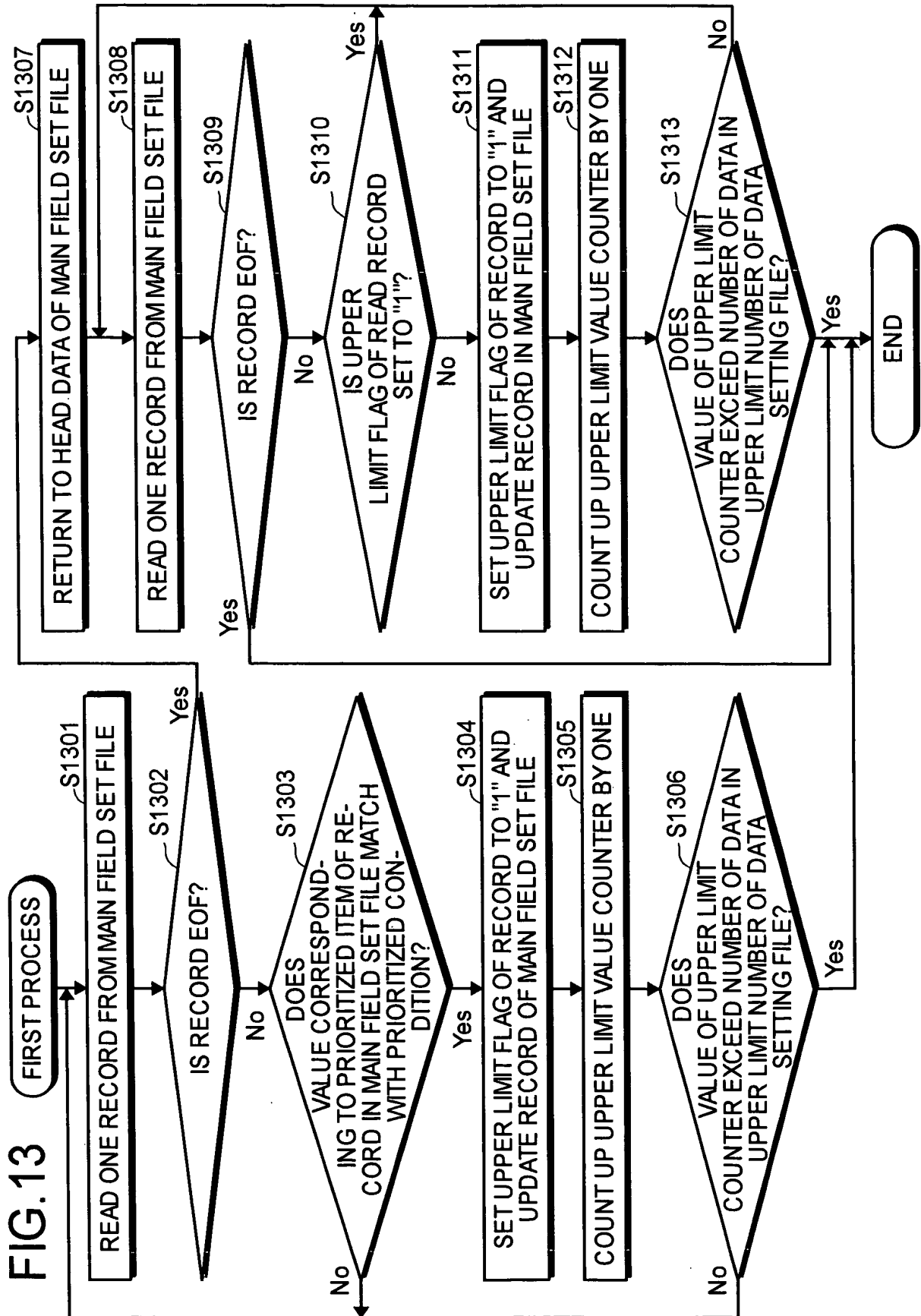


FIG.14

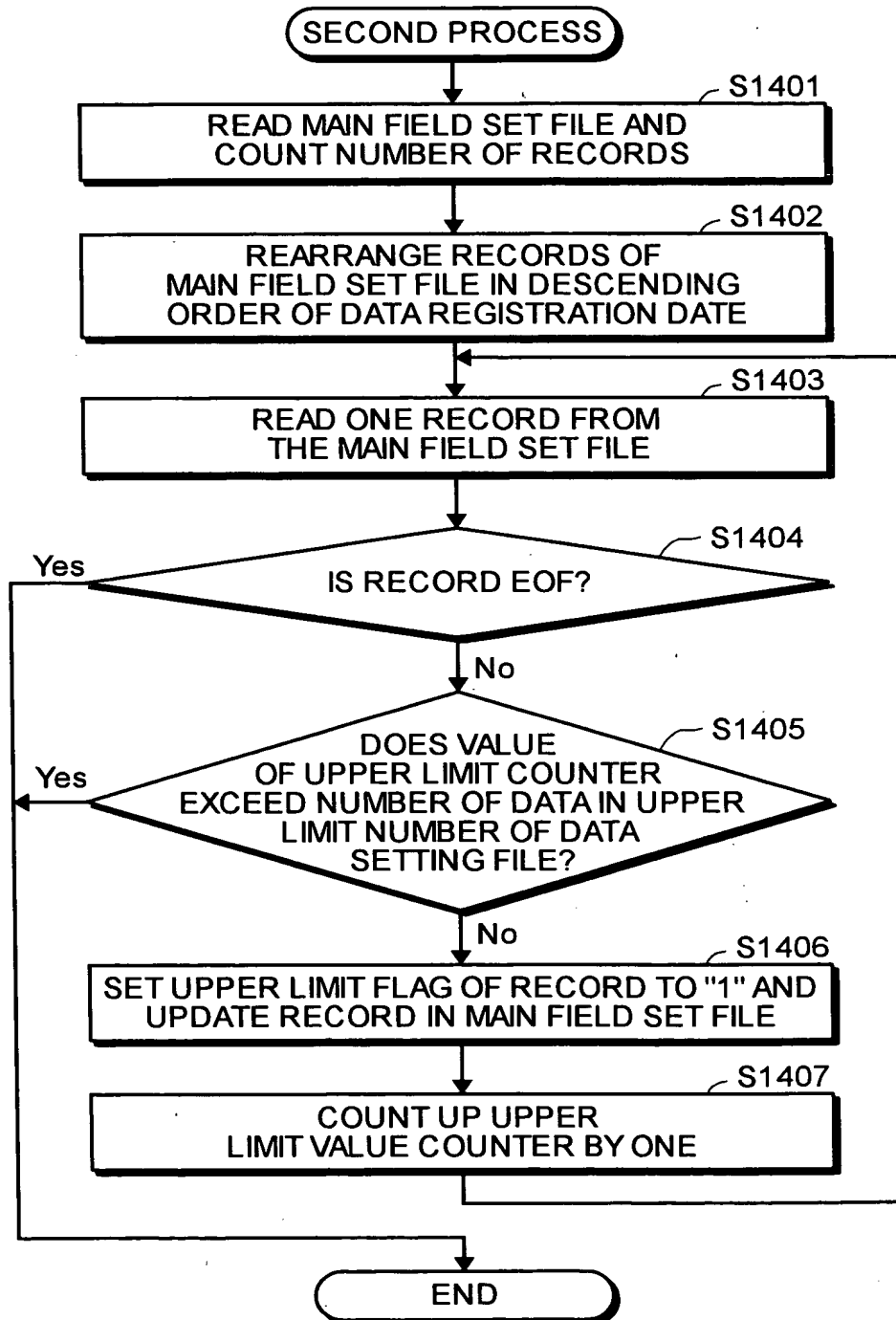


FIG. 15

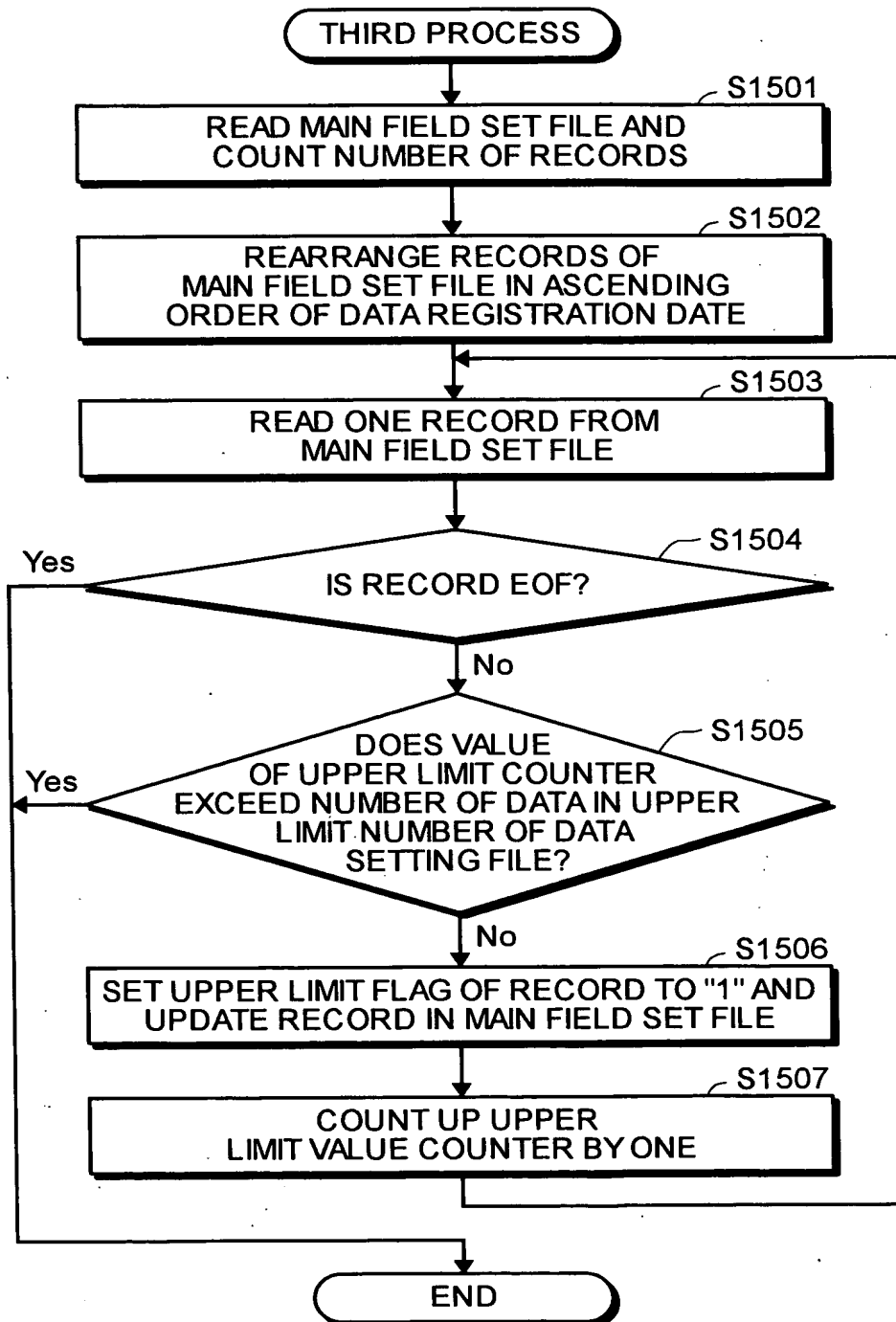


FIG. 16

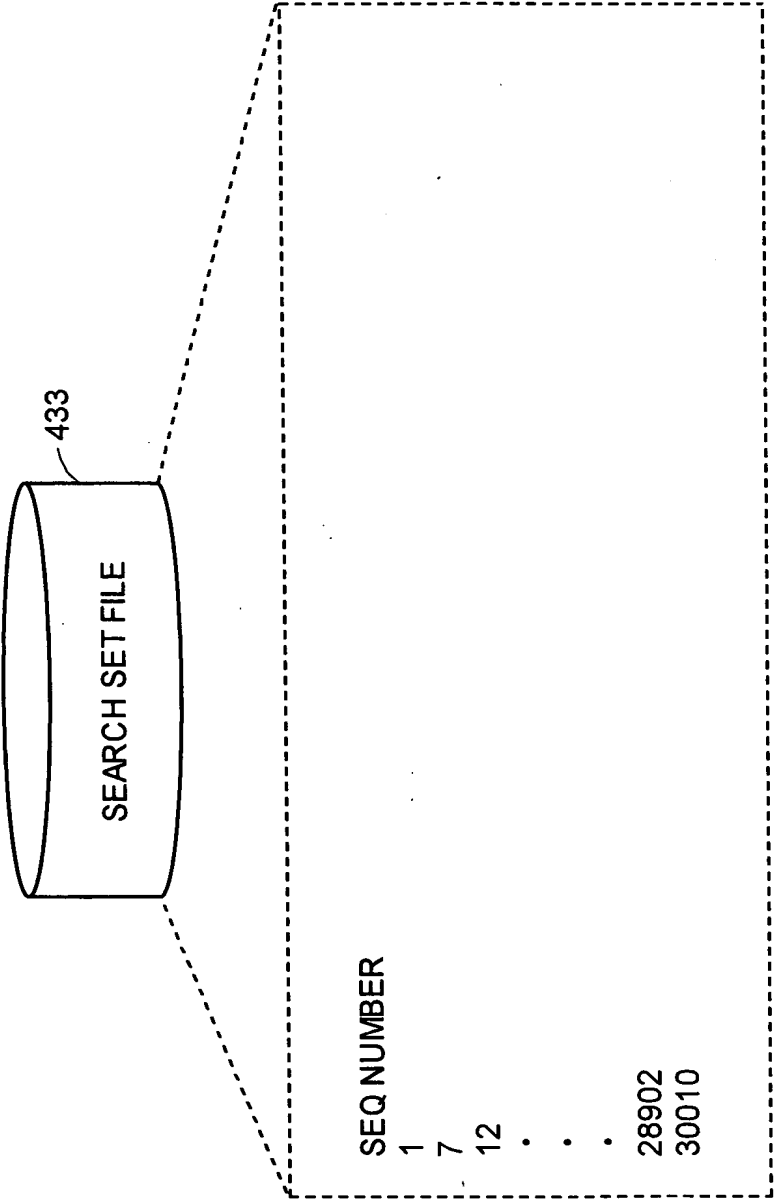
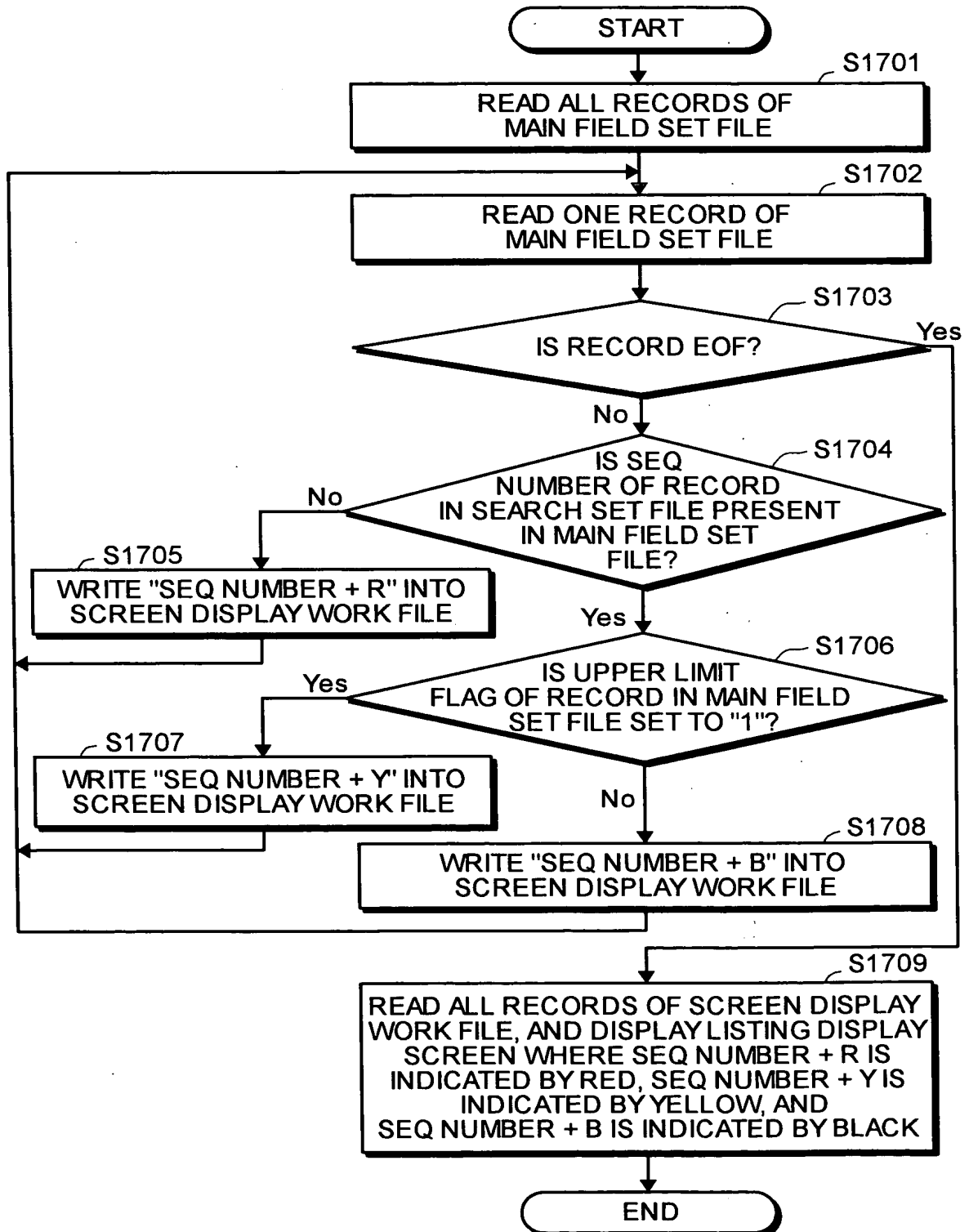


FIG.17



SET 005 (433 DATA)		OBJECT TO BE PROCESSED	ALL	NUMBER OF RESULTS	EVERY 30 RESULTS	▼	<div style="display: flex; justify-content: space-between;"> <div> <div>DISPLAY GAZETTE</div> <div>PRINT</div> <div>DOWNLOAD</div> <div>LIST OF ABSTRACTS</div> <div>CONFIGURATION</div> <div>SEARCH SCREEN</div> <div>HELP</div> <div>TOP SCREEN</div> <div>LOG OFF</div> </div> <div> <div>CHECK PROGRESS OF EXAMINATION</div> <div> <div>NEXT LIST</div> <div>PREVIOUS LIST</div> <div>SORT</div> <div>UPDATE</div> <div>UPDATE COMMENT</div> <div>CLASSIFICATION</div> <div>IPC-SUBDIVISION SYMBOL</div> <div>APPLICATION NUMBER</div> </div> <div> <div>CANCEL BOOKMARK</div> <div>UPDATE</div> <div>CLASSIFICATION</div> <div>IPC-SUBDIVISION SYMBOL</div> <div>APPLICATION NUMBER</div> </div> <div> <div>JUMP</div> <div>433</div> </div> </div> </div>									
No.	DOCUMENT NUMBER	CLASSIFICATION	TITLE OF THE INVENTION				IPC-SUBDIVISION SYMBOL	APPLICATION NUMBER								
<input type="checkbox"/> 000001	JPA NO. Hxx-0001	LAID-OPEN	HAND HOLDING APPARATUS				B25J 15/04	JPA NO. Hxx-0001								
<input type="checkbox"/> 000002	JPA NO. Hxx-0002	LAID-OPEN	LOCKING MECHANISM OF FORCE-TORQUE SENSOR AND UNLOCKING METHOD THEREOF				B25J 19/02	JPA NO. Hxx-0002								
<input type="checkbox"/> 000003	JPA NO. Hxx-0003	LAID-OPEN	MASTER UNIT				B25J 3/00	JPA NO. Hxx-0003								
<input type="checkbox"/> 000004	JPA NO. Hxx-0004	LAID-OPEN	MAGNETIC DISC APPARATUS AND MANUFACTURING METHOD THEREOF				G11B 25/04 101	JPA NO. Hxx-0004								
<input type="checkbox"/> 000005	JPA NO. Hxx-0005	LAID-OPEN	THREE-DIMENSIONAL OBJECT HOLDING SYSTEM				B25J 13/08	JPA NO. Hxx-0005								
<input type="checkbox"/> 000006	JPA NO. Hxx-0006	LAID-OPEN	TILT ANGLE DETECTING DEVICE AND ROBOT HAVING TILT ANGLE DETECTING DEVICE				G01B 11/26	JPA NO. Hxx-0006								
<input type="checkbox"/> 000007	JPA NO. Hxx-0007	LAID-OPEN	IMAGE PROCESSING DEVICE				G06T 7/60	JPA NO. Hxx-0007								
<input type="checkbox"/> 000008	JPA NO. Hxx-0008	LAID-OPEN	LIBRARY DEVICE				G11B 17/22	JPA NO. Hxx-0008								
<input type="checkbox"/> 000009	JPA NO. Hxx-0009	LAID-OPEN	HORIZONTAL ARTICULATED ROBOT, ARM UNIT, AND WORKING SYSTEM				B25J 9/06	JPA NO. Hxx-0009								
<input type="checkbox"/> 000010	JPA NO. Hxx-0010	LAID-OPEN	LIBRARY DEVICE				G11B 17/26	JPA NO. Hxx-0010								
<input type="checkbox"/> 000011	JPA NO. Hxx-0011	LAID-OPEN	OBSTACLES AVOIDING PATH GENERATING SYSTEM				G05D 1/02	JPA NO. Hxx-0011								
<input type="checkbox"/> 000012	JPA NO. Hxx-0012	LAID-OPEN	AUDIO EQUIPMENT AND PERFORMANCE AUTOMATICALLY MEASURING SYSTEM THEREOF				G11B 19/02 501	JPA NO. Hxx-0012								
<input type="checkbox"/> 000013	JPA NO. Hxx-0013	LAID-OPEN	MANIPULATOR CONTROL DEVICE				B25J 9/10	JPA NO. Hxx-0013								
<input type="checkbox"/> 000014	JPA NO. Hxx-0014	LAID-OPEN	METHOD OF AVOIDING SINGULAR POINT OF MASTER-SLAVE MANIPULATOR				B25J 3/00	JPA NO. Hxx-0014								
<input type="checkbox"/> 000015	JPA NO. Hxx-0015	LAID-OPEN	DESK TYPE ROBOT				B25J 9/02	JPA NO. Hxx-0015								
<input type="checkbox"/> 000016	JPA NO. Hxx-0016	LAID-OPEN	INTERFACE DEVICE				B25J 13/04	JPA NO. Hxx-0016								
<input type="checkbox"/> 000017	JPA NO. Hxx-0017	LAID-OPEN	FLOOR STANDING ROBOT				B25J 9/02	JPA NO. Hxx-0017								
<input type="checkbox"/> 000018	JPA NO. Hxx-0018	LAID-OPEN	FLOOR STANDING ROBOT				B65G 21/14	JPA NO. Hxx-0018								
<input type="checkbox"/> 000019	JPA NO. Hxx-0019	LAID-OPEN	SYSTEM FOR ADDRESSING ADDRESS				G06F 13/00	JPA NO. Hxx-0019								

FIG. 19

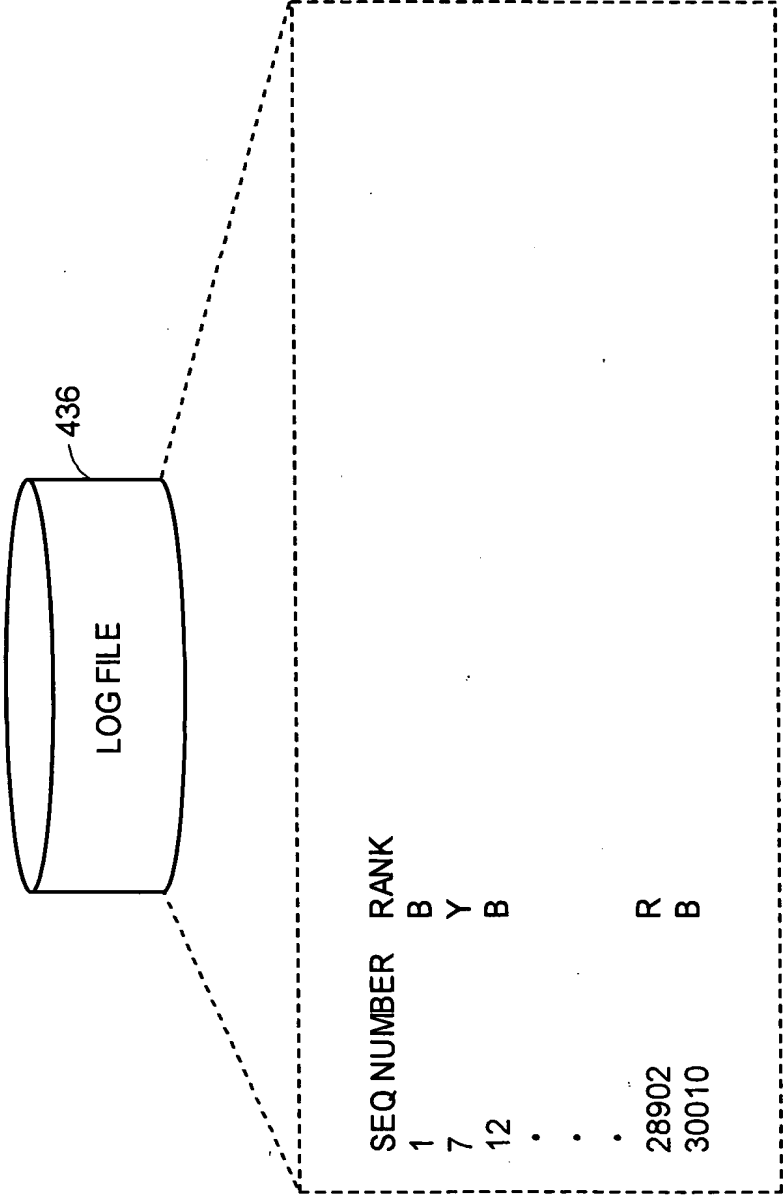


FIG.20

439



LAYOUT OF GAZETTES (PDF)	PRINT	DOWNLOAD	SEARCH SCREEN	LIST OF BIBLIOGRAPHY	CONFIGURATION	HELP	TOP SCREEN	LOG OFF
--------------------------	-------	----------	---------------	----------------------	---------------	------	------------	---------

☒ BOOKMARK SET NUMBER: 005 OBJECT TO BE PROCESSED: BOOKMARK

UPDATE COMMENT

UPDATE CLASSIFICATION

1. LAID-OPEN, JPA NO. Hxx-123456 B25J 15/04, HAND HOLDING APPARATUS (AA CO., LTD.)

DISPLAY PROGRESS OF EXAMINATION

CHECK PROGRESS OF EXAMINATION

REPRESENTATIVE DRAWING

FRAME SIZE

NORMAL

[ABSTRACT]

[OBJECT]

A HAND CONNECTED AT THE END PORTION OF A ROBOT ARM ...

[CONFIGURATION]

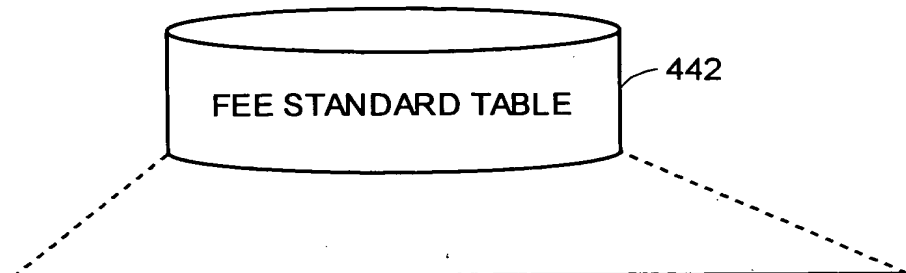
...

[WHAT IS CLAIMED IS]

[CLAIM 1] ...

[CLAIM 2] ...

FIG.21



UPPER LIMIT NUMBER OF DATA	UNIT COST PER DATA (YEN)		
	RANK B	RANK Y	RANK R
10000	5	25	200
50000	4	20	200
100000	2.5	13	200
500000	1	5	200
1000000	0.8	4	200
2000000	0.7	4	200
3000000	0.6	3	200
4000000	0.5	3	200
5000000	0.45	3	200

FIG.22

